

FIG.1

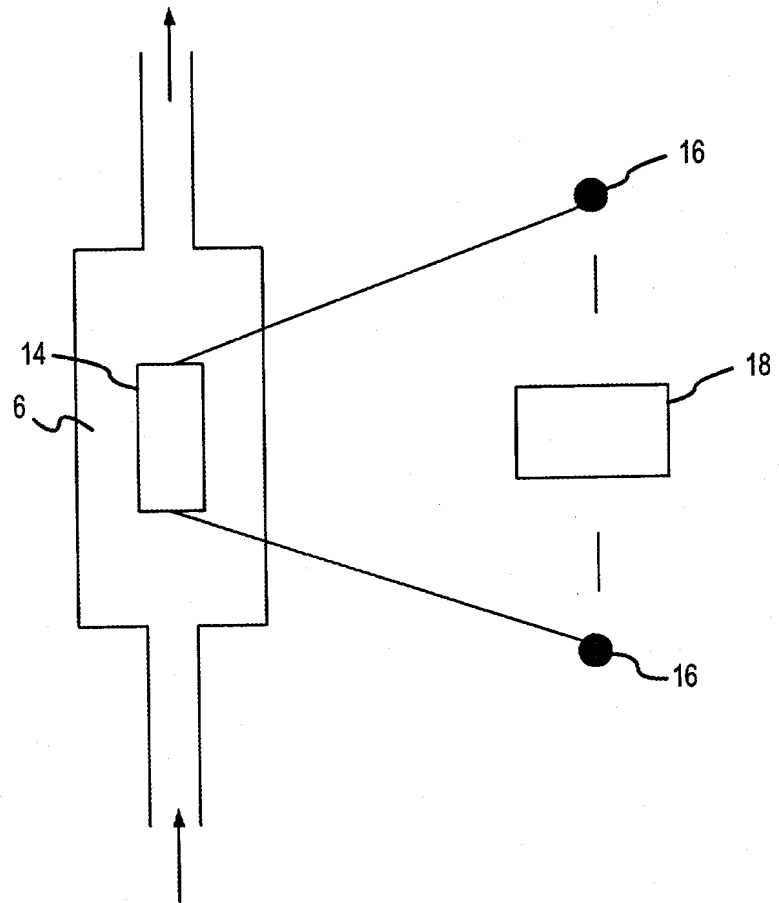


FIG.2

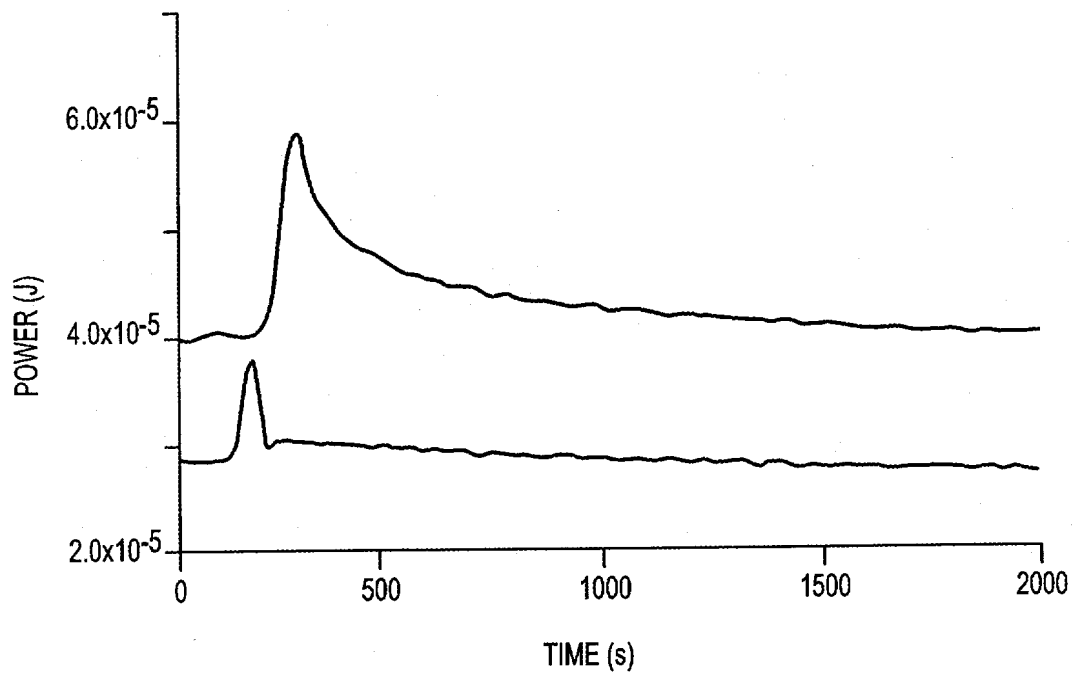


FIG.3

dGTP  
 dCTP  
 5' PRIMER  
 3' TEMPLATE C G G T A A ——— 5'

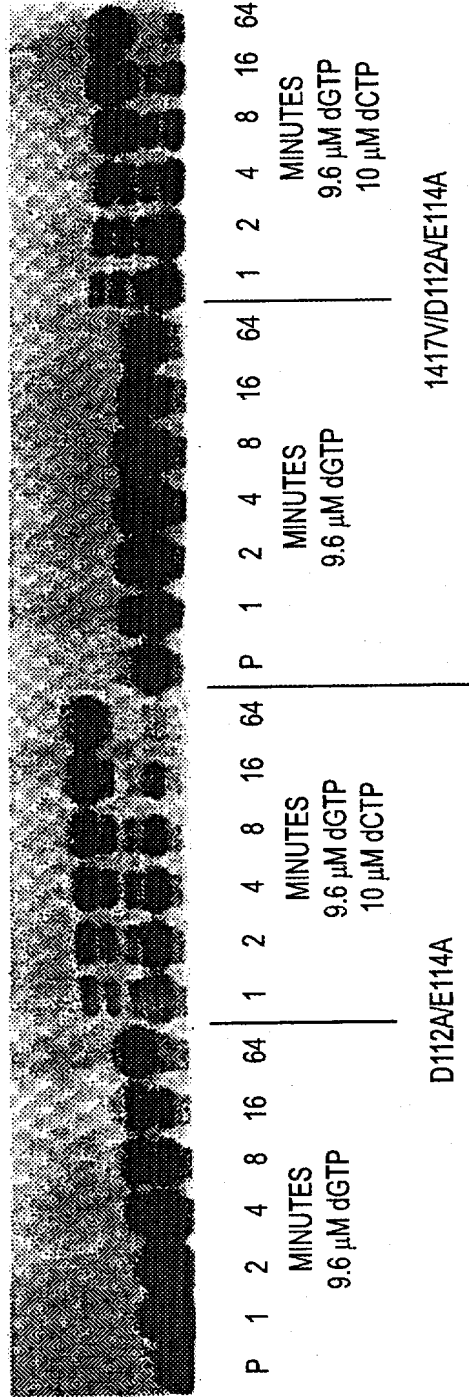


FIG.4

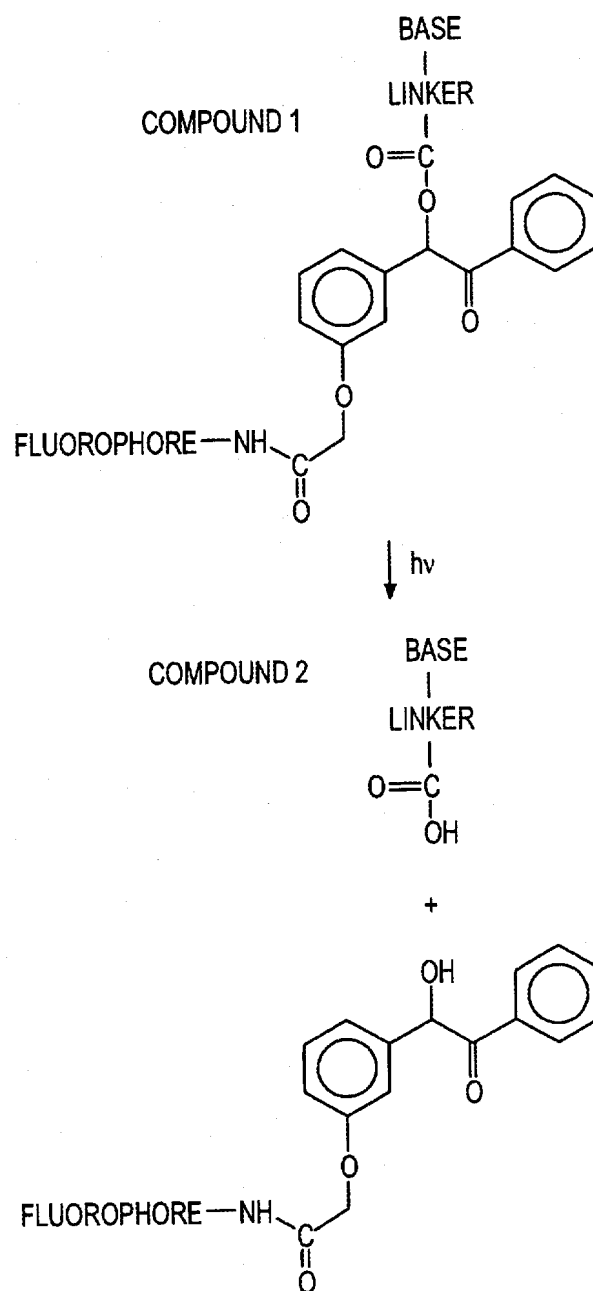


FIG.5

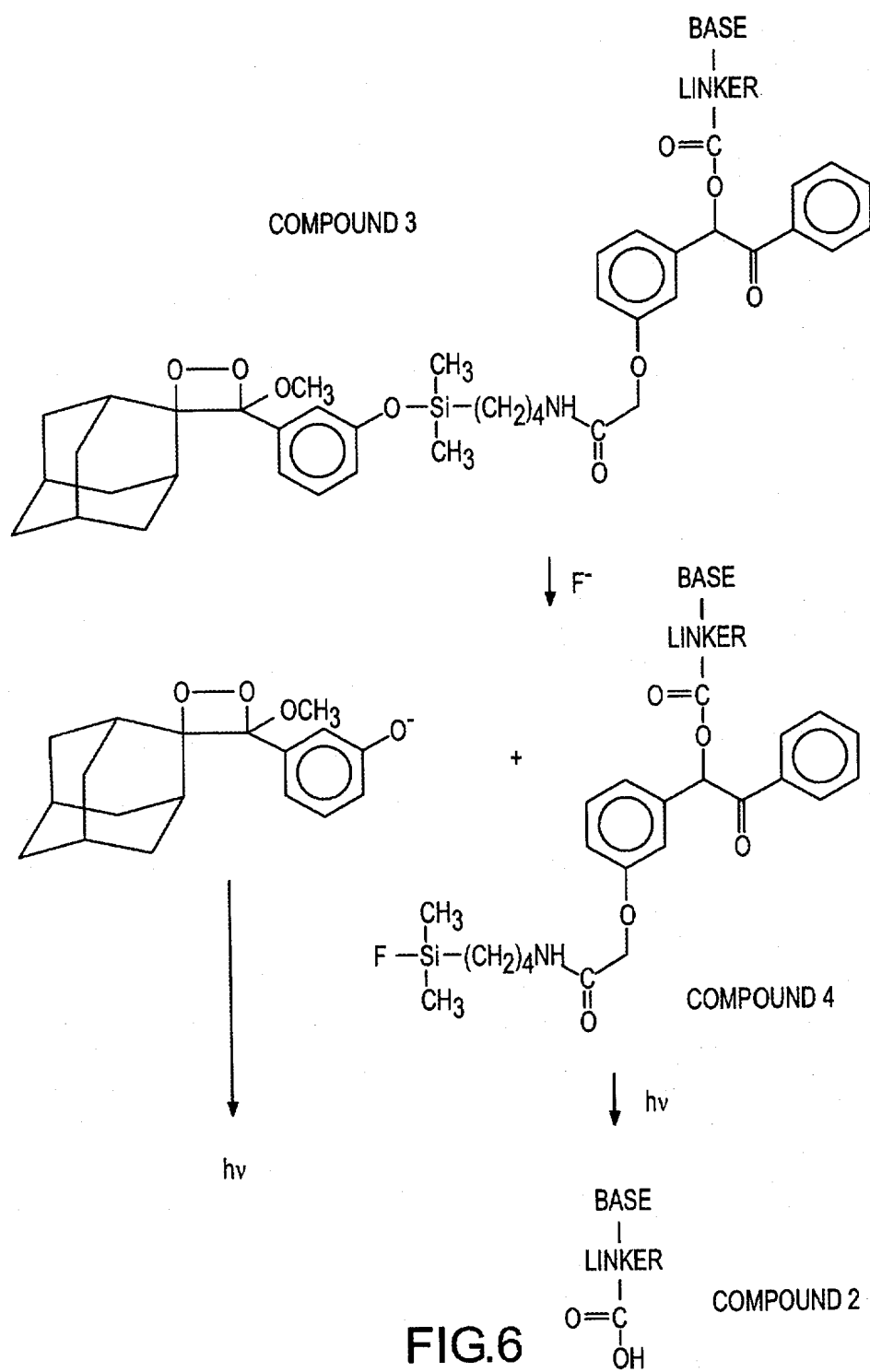




FIG.7

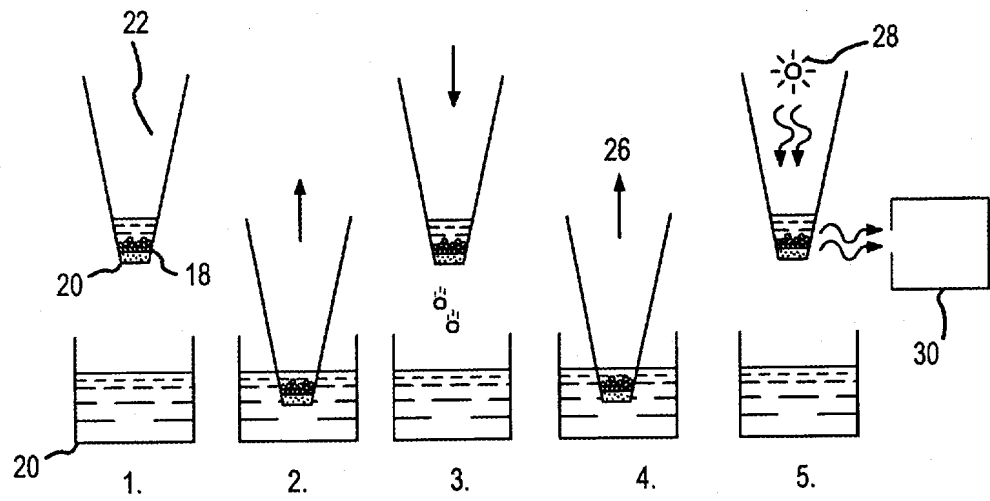


FIG. 8(a)

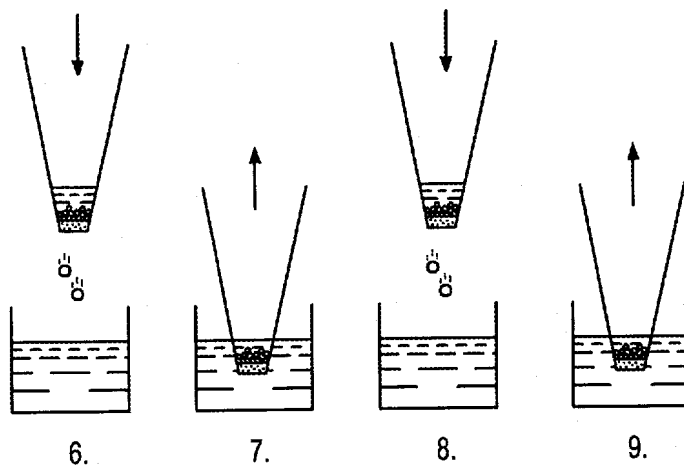


FIG. 8(b)



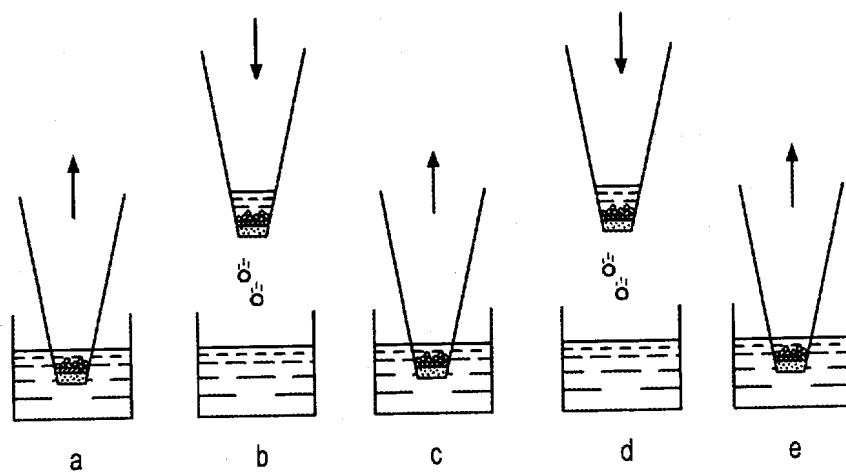


FIG.9

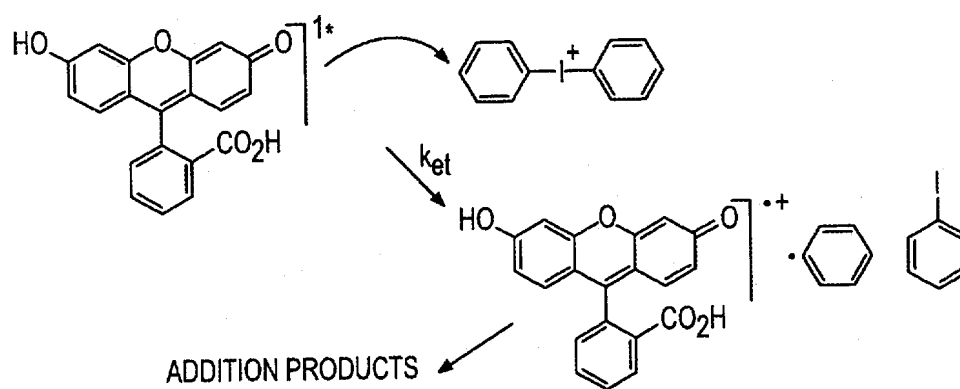
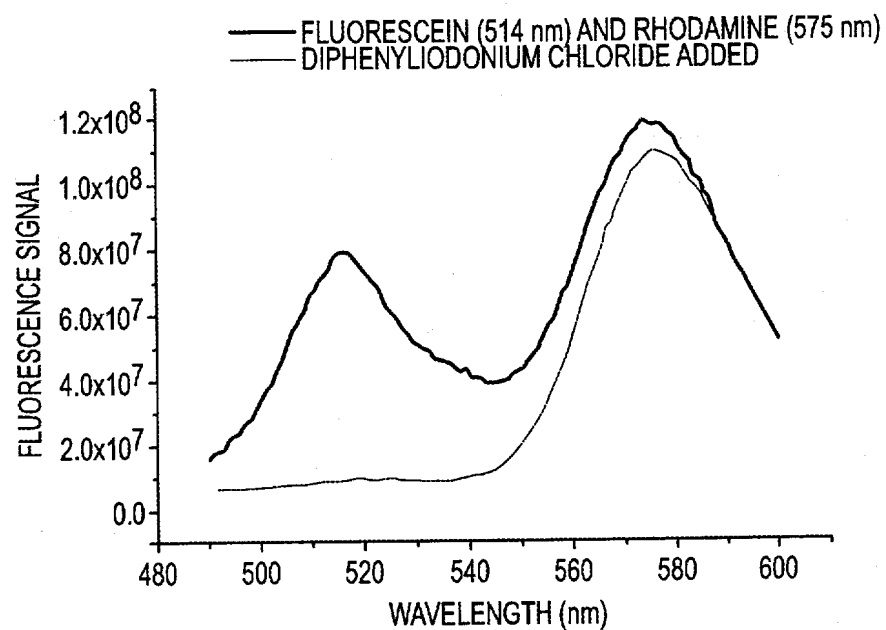
MECHANISM OF PHOTBLEACHING OF FLUORESC EIN BY DPI  
(DIPHENYLIODONIUM ION)

FIG.10

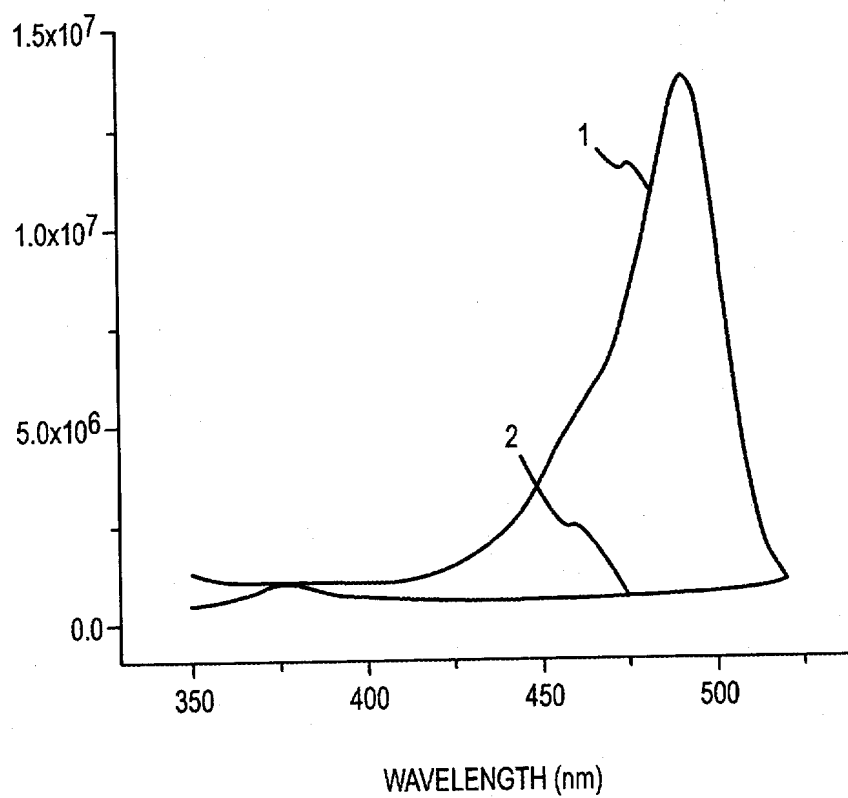
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FLUORESCENCE SPECTRA OF EQUIMOLAR FLUORESCCEIN AND TETRA METHYLRHODAMINE BEFORE AND AFTER ADDITION OF DIPHENYLIODONIUM CHLORIDE

FIG.11

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UV ABSORPTION SPECTRA: (1) FLUORESCENIN (2) FLUORESCENIN +  
DPI AFTER SINGLE FLASH FROM CAMERA STROBE

FIG.12

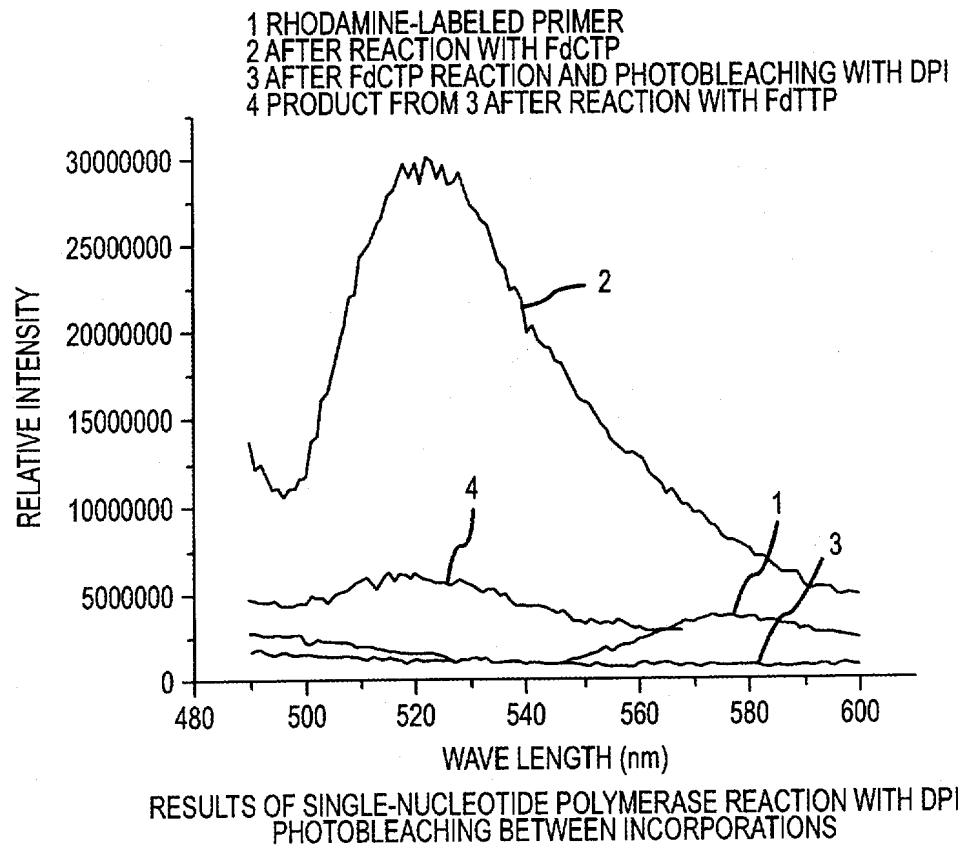


FIG.13

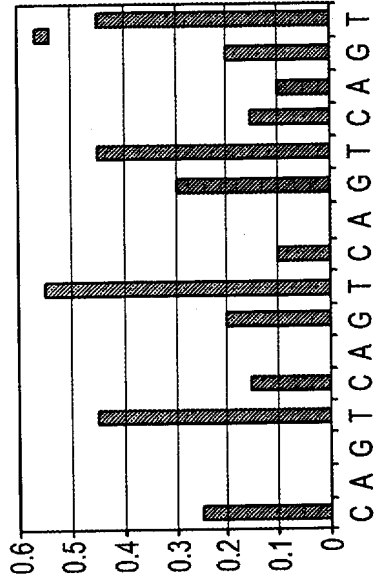


FIG.14B

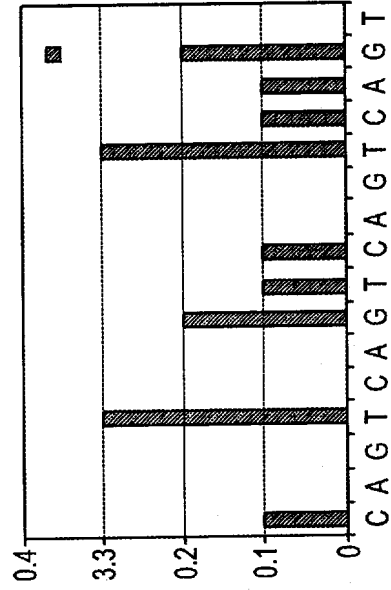


FIG.14D

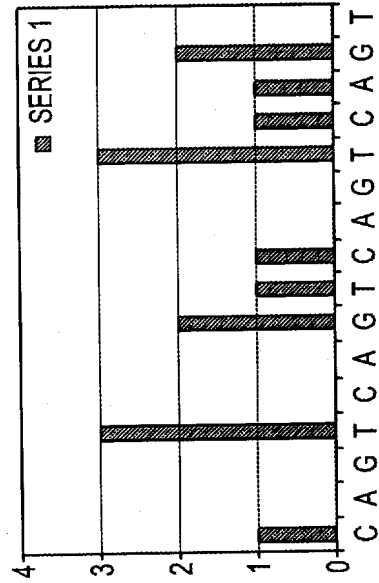
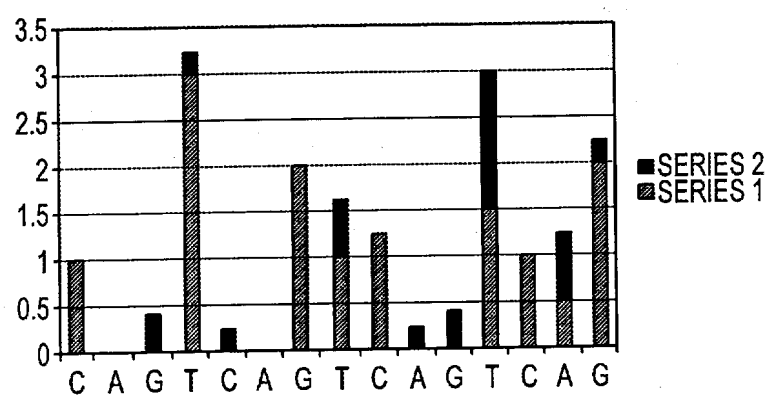


FIG.14A



FIG.14C



EFFECT OF A LEADING STRAND POPULATION ON  
EXTENSION SIGNALS

FIG.15